Pair / Mob Programming

What is Pair / Mob Programming?

- A collaborative approach to both **software development** and **learning**
- The whole team works together on the **same task**, in the **same environment**
  - Shared screen, shared code, real-time collaboration
- Acts as a form of **dynamic code review**

Basic Rules

- **Driver**: Types the code
- **Navigators**: Review the code, research syntax or patterns, and discuss approaches
  - Prevent mistakes and improve design in real time
- **Role rotation**:
  - Change roles regularly (e.g., every X minutes or after completing a task)
  - Assign someone to **manage the rotation**
- **Team culture**:
  - No blame, no shame

Fail cheap, fail fast, fail smart

Summary

- Effective for **collaborative learning** and **problem-solving**
- Enhance **team cohesion** and **knowledge sharing**
- Enable **real-time feedback** and **immediate corrections**
- This is **not** task division — everyone builds the **same program together**
- Typical roles include:
  - **Driver** (writes code)
  - **Navigator** (guides and discusses approach, reviews code)
- Communicate actively and support each other
- Most importantly — **enjoy the process!**